

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gjalt W. Huisman, Laura Z. Luo, Oliver P. Peoples

Serial No.: Continuation of 09/456,940

Art Unit: Not Yet Assigned

Filed: June 27, 2003

Examiner: Not Yet Assigned

For: *MICROBIAL STRAINS AND PROCESSES FOR THE MANUFACTURE OF
BIOMATERIALS*

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including six (6) pages of Form PTO-1449. All of the documents cited below were cited by or submitted to the Patent Office in Application Serial No. 09/456,940, filed December 7, 1999, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants are not enclosing copies of these publications. Copies will be provided upon request, however.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-1868.

U.S. Patents

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
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4,336,334	06-22-1982	Powell, et al.	435/146
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<u>Number</u>	<u>Publication Date</u>	<u>Patentee</u>	<u>Country</u>
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Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Patrea L. Pabst', written over a horizontal line.

Patrea L. Pabst
Reg. No. 31,284

Dated: June 27, 2003

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Compleat If Kn wn	
				Application Number	Continuati n f 09/456,940
				Filing Date	June 27, 2003
				First Named Inventor	Gjalt W. Hulsman
				Group Art Unit	
Examiner Name					
Sheet	1	of	6	Attorney Docket Number	MBX 025 DIV CON

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		4,326,052		Kang, et al.	04-20-1982	
		4,336,334		Powell, et al.	06-22-1982	
		4,377,636		Kang, et al.	03-22-1983	
		4,385,126		Chen, et al.	05-24-1983	
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		4,503,084		Baird, et al.	03-05-1985	
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FOREIGN PATENT DOCUMENTS								
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		Office. ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0 176 320		Eli Lilly & Co.	04-02-1986		
		PCT	WO 91/13207		Pulp & Paper Research Institute of Canada	09-05-1991		
		PCT	WO 92/18553		Kohap, Ltd.	10-29-1992		
		PCT	WO 92/21708		Kirin Beer Kabushiki Kaisha	12-10-1992		
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		PCT	WO 94/24302		Zeneca, Ltd.	10-27-1994		

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		5,344,769		Witholt, et al.	09-06-1994	
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		PCT	WO 95/10614		GX Biosystems A/S	04-20-1995		
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OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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		AHRENHOLTZ, et al., "A conditional suicide system in <i>Escherichia coli</i> based on the intracellular degradation of DNA," <i>Appl. Environ. Microbiol.</i> 60(10): 3746-3751 (1994).	
		ATKINSON & MAVITUNA, <i>Biochemical Engineering and Biotechnology Handbook</i> , 2 nd ed., Stockton Press: New York (1991).	
		CHEN, et al., "Bacterial alginate produced by a mutant of <i>Azobacter vinelandii</i> ," <i>Appl. Environ. Microbiol.</i> 49: 543-546 (1985).	
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		DELEST, "Fermentation technology of microbial polysaccharides," in <i>Gums and Stabilisers for the Food Industry 5</i> , (Phillips, et al., eds.) IRL Press: New York, pp. 301-313 (1989).	
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		KENNEDY & BRADSHAW, "Production, properties, and applications of xanthan," <i>Prog. Ind. Microbiol.</i> 19: 319-371 (1984).	
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		POLLOCK, "Gellan-related polysaccharides and the genus <i>Sphingomonas</i> ," <i>J. Gen. Microbiol.</i> 139: 1939-1945 (1993).	

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				Applicant Number		Continuation of 09/456,940	
				Filing Date		June 27, 2003	
				First Named Inventor		Gjalt W. Hulsman	
				Group Art Unit			
				Examiner Name			
Sheet	6	of	6	Attorney Docket Number		MBX 025 DIV CON	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		SAMBROOK, et al., <u>Molecular Cloning, A Laboratory Manual</u> , 2 nd ed., Cold Spring Harbor Laboratory Press: New York (1992).	
		SHORTLE, "A genetic system for analysis of staphylococcal nuclease," <i>Gene</i> 22(2-3): 181-189 (1983).	
		SPRATT, et al., "Kanamycin-resistant vectors that are analogues of plasmids pUC8, pUC9, pEMBL8, and pEMBL9," <i>Gene</i> 41(2-3): 337-342 (1986).	
		VAN DER KOOIJ, et al., "Growth of <i>Pseudomonas aeruginosa</i> in tap water in relation to utilization of substrates at concentrations of a few micrograms per liter," <i>Appl. Environ. Microbiol.</i> 44(5): 1086-1095 (1982).	
		WELLS, "Extracellular microbial polysaccharides -- a critical overview," in <u>Extracellular Microbial Polysaccharides</u> (Sanford, et al., eds.) ACS: Washington, DC, pp. 299-313 (1977).	
		WILLIAMS & PEOPLES, "Biodegradable plastics from plants," <i>CHEMTECH</i> 26: 38-44 (1996).	

Examiner's Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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